



CROP PROGRESS AND CONDITION

Alabama Agriculture Counts!!



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Issue 19

Dry Conditions Expand To The South

Data tables reflect the week ending: **August 8, 2010.**

CROP PROGRESS

| Crop | This Week | Last Week | 2009 | 5-Yr Avg. |
|-----------------------|-----------|-----------|------|-----------|
| | Percent | | | |
| Corn Dough | 92 | 87 | 80 | 90 |
| Corn Dented | 85 | 67 | 48 | 65 |
| Cotton Squaring | 91 | 88 | 93 | 96 |
| Cotton Setting Bolls | 72 | 70 | 57 | 71 |
| Cotton Bolls Opening | 4 | N/A | 0 | 2 |
| Peanuts Pegged | 70 | 59 | 53 | 66 |
| Soybeans Blooming | 82 | 74 | 66 | 81 |
| Soybeans Setting Pods | 59 | 46 | 38 | 53 |
| N/A =Not Available | | | | |

CROP/LIVESTOCK CONDITION

| Crop | Very Poor | Poor | Fair | Good | Exc. |
|-----------------|-----------|------|------|------|------|
| | Percent | | | | |
| Corn | 3 | 12 | 35 | 45 | 5 |
| Cotton | 1 | 18 | 40 | 38 | 3 |
| Peanuts | 1 | 13 | 46 | 38 | 2 |
| Soybeans | 7 | 16 | 41 | 35 | 1 |
| Livestock | 0 | 6 | 41 | 45 | 8 |
| Pasture & Range | 5 | 27 | 37 | 27 | 4 |

TOP SOIL MOISTURE

| | Days Suitable | Very Short | Short | Adequate | Surplus |
|----------------------|---------------|------------|-------|----------|---------|
| | | Percent | | | |
| District 10 | 6.6 | 21 | 43 | 36 | 0 |
| District 20 | 6.1 | 37 | 46 | 17 | 0 |
| District 30 | 6.5 | 11 | 61 | 28 | 0 |
| District 40 | 6.7 | 23 | 70 | 7 | 0 |
| District 50 | 6.1 | 17 | 45 | 38 | 0 |
| District 60 | 5.5 | 18 | 48 | 34 | 0 |
| State: Current Week | 6.2 | 21 | 52 | 27 | 0 |
| State: Previous Week | 6.3 | 22 | 52 | 26 | 0 |

EXTENSION/FSA COMMENTS:

General: Scattered showers and thunderstorms took place across the state last week, providing little relief from increased dryness. The general lack of rain was associated by warmth, with highs at or above 100 degrees. Less than an inch of rain fell in the southern region of the state, and average stream flows dropped below the tenth and twenty-fifth percentile range. Abnormally dry and moderately dry conditions expanded from the central-eastern region to the southern area of the state, according to the US Drought Monitor. This model, released August 5, portrayed the state to have 64.2 percent abnormally

dry conditions, 22.5 moderately dry conditions, leaving 35.8 percent of the state with no drought. Daytime highs for the week ranged from 97 degrees in Anniston to a blistering 104 degrees in Brewton. Overnight lows ranged from 68 degrees in Sand Mountain and Bridgeport, to 75 degrees in Birmingham, Mobile Bates, Headland, and Dothan. Precipitation totals varied from 0 amounts of rainfall in areas of district 10, to 3.80 inches of rain in Alabaster over a period of 4 days.

Cotton/Corn/Peanuts/Soybeans: William Birdsong, Regional Extension Agent at the Wiregrass Research and Extension Center, reported random showers and heat over the past 10-20 days have been damaging to the cotton crop. Some areas have received good rains but other areas equal a total crop disaster. Some cotton was opening up and the stalk height was just over knee tall. Stink bug sprays were applied two to three times where there is some yield potential. The same story goes for peanuts, although not as much damage has occurred. Peanut progression was behind cotton only because the cotton planted 2 to 4 weeks earlier. Red neck peanut worms were working on the terminals where it was dry. Harvest has begun for corn, and yields are looking moderate, but much of the dryland corn was in fair to good condition. Soybeans look fair as crop potential. Dry conditions will soon reduce yield. Eric Schavey, Regional Extension Agent for Franklin County commented corn harvest began in the Tennessee Valley. Many areas in Northwest Alabama were in need of rain. Soybeans and cotton were at the stage where they need adequate water. Tim Malone, County Executive Director for Lauderdale County stated corn was getting close to being dry enough for harvest. Kelvin Veal, County Executive Director for Cullman County noted some acreage of soybeans were dying from extreme heat and lack of rainfall. Alfred Jackson, Extension Agent at Tuskegee University stated insect and disease were increasing as crops were suffering from heat stress and lack of adequate rainfall in his area.

Pasture/Hay/Livestock: Susan McDonald, County Executive Director for Morgan County commented producers had to supplement feed and hay due to the poor conditions of the pastures. Henry Dorough, Regional Extension Agent for Talladega County mentioned forages in portions of the region received beneficial rains over the past week. Other areas of the region, however, received little rainfall and pastures were almost non-existent. Fall armyworms were becoming more widespread and wreaking havoc on short supplies of forage. Brenda Glover, Regional Extension Agent in Hale County noted farmers were having to cut the 2nd crop of hay early therefore yields were low in her county. Mr. Jackson reported hay production has slackened off in comparison to early season growth and production. Alex Brand, County Executive Director for Wilcox County noted some cattle producers had to feed cattle due to the poor pasture conditions.

ALABAMA'S Weekly Crop Weather for the Period: Monday August 2, 2010 To Sunday August 8, 2010

| Weather Station | Air Temperatures | | | | Precipitation | | | Precipitation since Jan 1 | | | Avg. 4" | GDD Base 50 | | GDD Base 60 | |
|---|------------------|-----|-----|-----|---------------|-------|------|---------------------------|--------|----------|-----------|-------------|-----|-------------|-----|
| | High | Low | Avg | DFN | Total | DFN | Days | Total | DFN | % Normal | Soil Temp | Total | DFN | Total | DFN |
| District 10 Northwest Alabama - Tennessee Valley 46% of Corn Ac., 45% of Soybean Ac. | | | | | | | | | | | | | | | |
| Muscle Shoals | 101 | 72 | 86 | 7 | 0.11 | -0.68 | 2 | 27.47 | -6.43 | 81 | | 253 | 45 | 183 | 44 |
| Russellville | 100 | 72 | 86 | 9 | 0.00 | -0.80 | 0 | 25.07 | -10.87 | 70 | | 253 | 64 | 183 | 64 |
| Belle Mina | 102 | 70 | 85 | 7 | 0.03 | -0.81 | 1 | 29.74 | -5.40 | 85 | 97 | 246 | 49 | 176 | 47 |
| Huntsville Ag | 103 | 71 | 88 | 9 | 0.00 | -0.85 | 0 | 25.64 | -10.99 | 70 | | 266 | 63 | 196 | 61 |
| Hamilton | 103 | 71 | 86 | 9 | 0.00 | -0.90 | 0 | 38.24 | 0.30 | 101 | | 251 | 55 | 181 | 55 |
| District 20 Northeast Alabama - Appalachian Foothills 18% of Corn Ac., 21% of Soybean Ac. | | | | | | | | | | | | | | | |
| Anniston AP | 97 | 72 | 85 | 6 | 0.38 | -0.55 | 2 | 29.37 | -5.84 | 83 | | 249 | 39 | 179 | 39 |
| Cullman Ag | 98 | 71 | 84 | 7 | 0.73 | -0.07 | 3 | 37.45 | -0.41 | 99 | 86 | 242 | 46 | 172 | 46 |
| Sand Mountain | 98 | 68 | 84 | 8 | 0.37 | -0.39 | 1 | 28.06 | -7.73 | 78 | 86 | 237 | 49 | 167 | 48 |
| Gadsden AP | 99 | 70 | 84 | 5 | 0.75 | -0.12 | 2 | 26.03 | -10.94 | 70 | | 239 | 36 | 169 | 36 |
| Bridgeport | 98 | 68 | 83 | 7 | 1.25 | 0.30 | 2 | 34.33 | -3.76 | 90 | | 235 | 46 | 165 | 44 |
| Guntersville | 100 | 71 | 86 | 7 | 0.33 | -0.42 | 3 | 35.54 | 0.76 | 102 | | 255 | 52 | 185 | 51 |
| District 30 North Central Alabama - 7% of Corn Ac., 7% of Soybean Ac. | | | | | | | | | | | | | | | |
| Thorsby | 99 | 72 | 85 | 7 | 0.28 | -0.72 | 2 | 29.87 | -7.10 | 81 | 88 | 248 | 46 | 178 | 45 |
| Talladega | 100 | 71 | 85 | 8 | 0.22 | -0.85 | 1 | 32.91 | -3.87 | 89 | | 250 | 53 | 180 | 50 |
| Birmingham AP | 101 | 75 | 89 | 9 | 0.88 | -0.03 | 1 | 33.54 | -2.31 | 94 | | 272 | 62 | 202 | 62 |
| Alabaster | 98 | 74 | 86 | 7 | 3.80 | 2.86 | 4 | 34.84 | -3.58 | 91 | | 251 | 48 | 181 | 48 |
| Pinson | 102 | 71 | 86 | 9 | 0.03 | -0.82 | 1 | 33.32 | -3.81 | 90 | | 256 | 60 | 186 | 60 |
| Opelika Wtr Plt | 97 | 71 | 84 | 6 | 2.58 | 1.54 | 1 | 34.05 | -4.11 | 89 | | 240 | 37 | 170 | 37 |
| Alexander City | 101 | 71 | 85 | 7 | 2.47 | 1.45 | 3 | 28.42 | -9.46 | 75 | | 249 | 46 | 179 | 46 |
| Tuscaloosa AP | 102 | 74 | 88 | 7 | 0.06 | -0.95 | 2 | 28.99 | -7.69 | 79 | | 267 | 50 | 197 | 50 |
| Jasper | 101 | 73 | 86 | 8 | 2.62 | 1.73 | 3 | 45.65 | 7.83 | 121 | | 250 | 53 | 180 | 50 |
| District 40 South Central Alabama - Black Belt 7% of Corn Ac., 9% of Soybean Ac. | | | | | | | | | | | | | | | |
| Union Springs | 102 | 71 | 85 | 6 | 0.14 | -0.88 | 3 | 23.45 | -13.19 | 64 | | 251 | 41 | 181 | 41 |
| Marion Junction | 101 | 73 | 87 | 7 | 0.37 | -0.54 | 2 | 28.41 | -7.38 | 79 | 93 | 261 | 51 | 191 | 51 |
| Montgomery AP | 101 | 74 | 87 | 7 | 0.82 | -0.08 | 1 | 25.89 | -9.07 | 74 | | 261 | 44 | 191 | 44 |
| Livingston | 101 | 73 | 86 | 7 | 0.98 | -0.07 | 6 | 40.75 | 3.13 | 108 | | 256 | 46 | 186 | 46 |
| District 50 SW Alabama - Coastal Plain 7% of Corn Ac., 10% of Soybean Ac. | | | | | | | | | | | | | | | |
| Bay Minette | 101 | 74 | 86 | 6 | 0.84 | -0.76 | 4 | 41.04 | -2.01 | 95 | | 259 | 42 | 189 | 42 |
| Brewton AG | 104 | 71 | 87 | 8 | 2.85 | 1.36 | 5 | 37.59 | -4.99 | 88 | 97 | 263 | 53 | 193 | 53 |
| Thomasville | 101 | 73 | 86 | 6 | 0.77 | -0.33 | 3 | 32.38 | -6.27 | 84 | | 259 | 49 | 189 | 49 |
| Mobile Bates | 101 | 75 | 87 | 6 | 0.15 | -1.46 | 2 | 39.23 | -1.35 | 97 | | 261 | 37 | 191 | 37 |
| District 60 SE Alabama - Wiregrass 15% of Corn Ac., 8% of Soybean Ac. | | | | | | | | | | | | | | | |
| Eufaula Wildlife | 100 | 74 | 86 | 6 | 0.70 | -0.26 | 2 | 40.66 | 6.21 | 118 | | 251 | 41 | 181 | 40 |
| Troy Municipal | 103 | 74 | 87 | 7 | 1.90 | 0.87 | 5 | 30.92 | -4.29 | 88 | | 259 | 49 | 189 | 49 |
| Highland Home | 102 | 70 | 85 | 6 | 0.63 | -0.36 | 2 | 34.11 | -2.96 | 92 | | 249 | 39 | 179 | 39 |
| Geneva Ag | 101 | 73 | 86 | 5 | 0.85 | -0.54 | 3 | 33.25 | -4.49 | 88 | 96 | 251 | 34 | 181 | 34 |
| Headland | 103 | 75 | 87 | 7 | 0.91 | -0.24 | 4 | 30.29 | -7.56 | 80 | 94 | 266 | 53 | 196 | 53 |
| Dothan | 102 | 75 | 87 | 7 | 1.99 | 0.95 | 4 | 31.53 | -5.52 | 85 | | 258 | 48 | 188 | 48 |

DFN = Departure From Normal (Using 1961-90 Normals Period). Precipitation (rain or melted snow/ice) in inches. Precipitation Days = Days with precip of 0.01 inch or more. Air and Soil Temperatures in Degrees Fahrenheit. PCT of Norm: Cumulative Rainfall since January 1 as a percent of normal (using 1961-90 normals period), 2008. Weather data prepared By AWIS, Inc. For more weather information visit www.awis.com or call 1-888-798-9955.

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